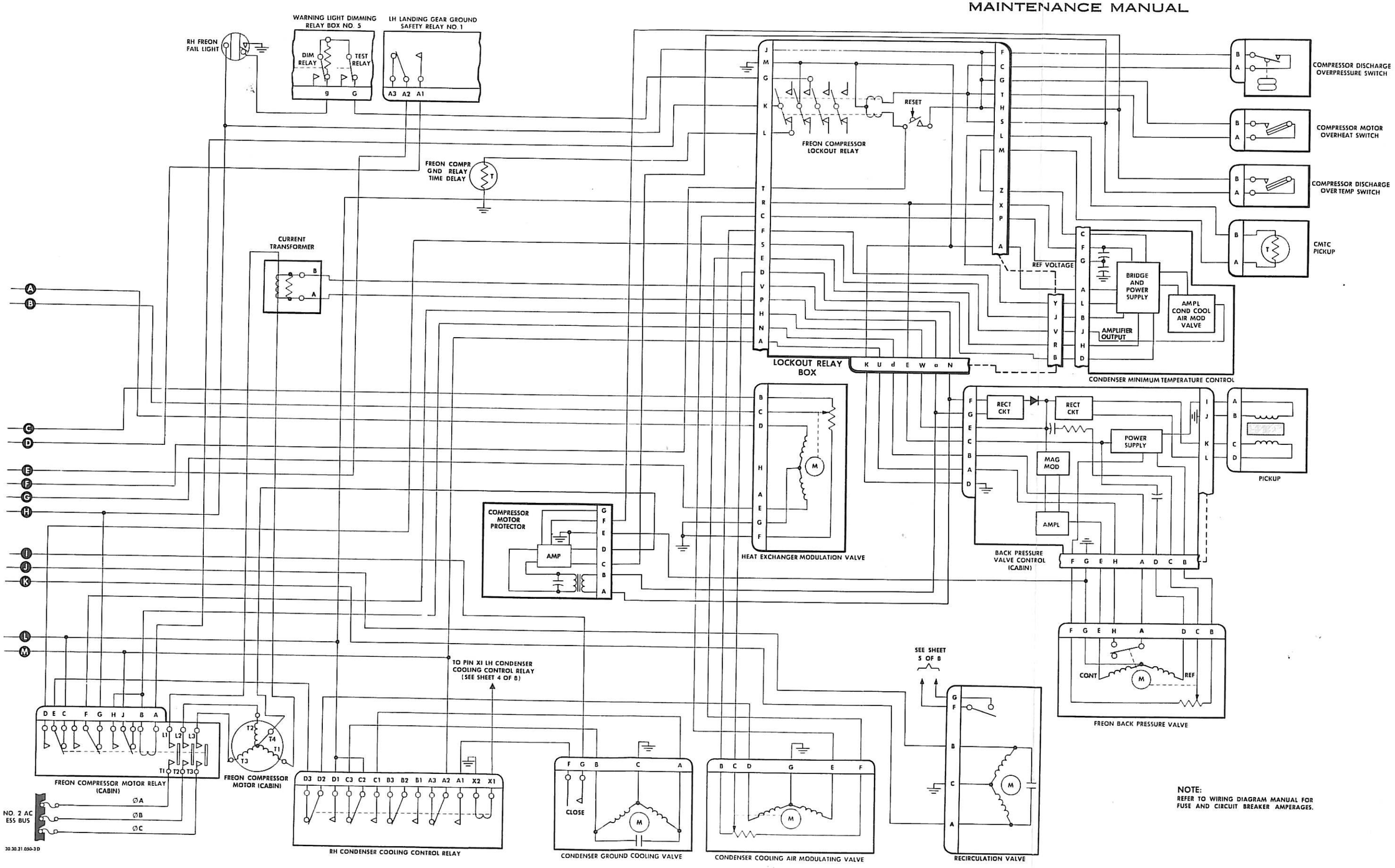
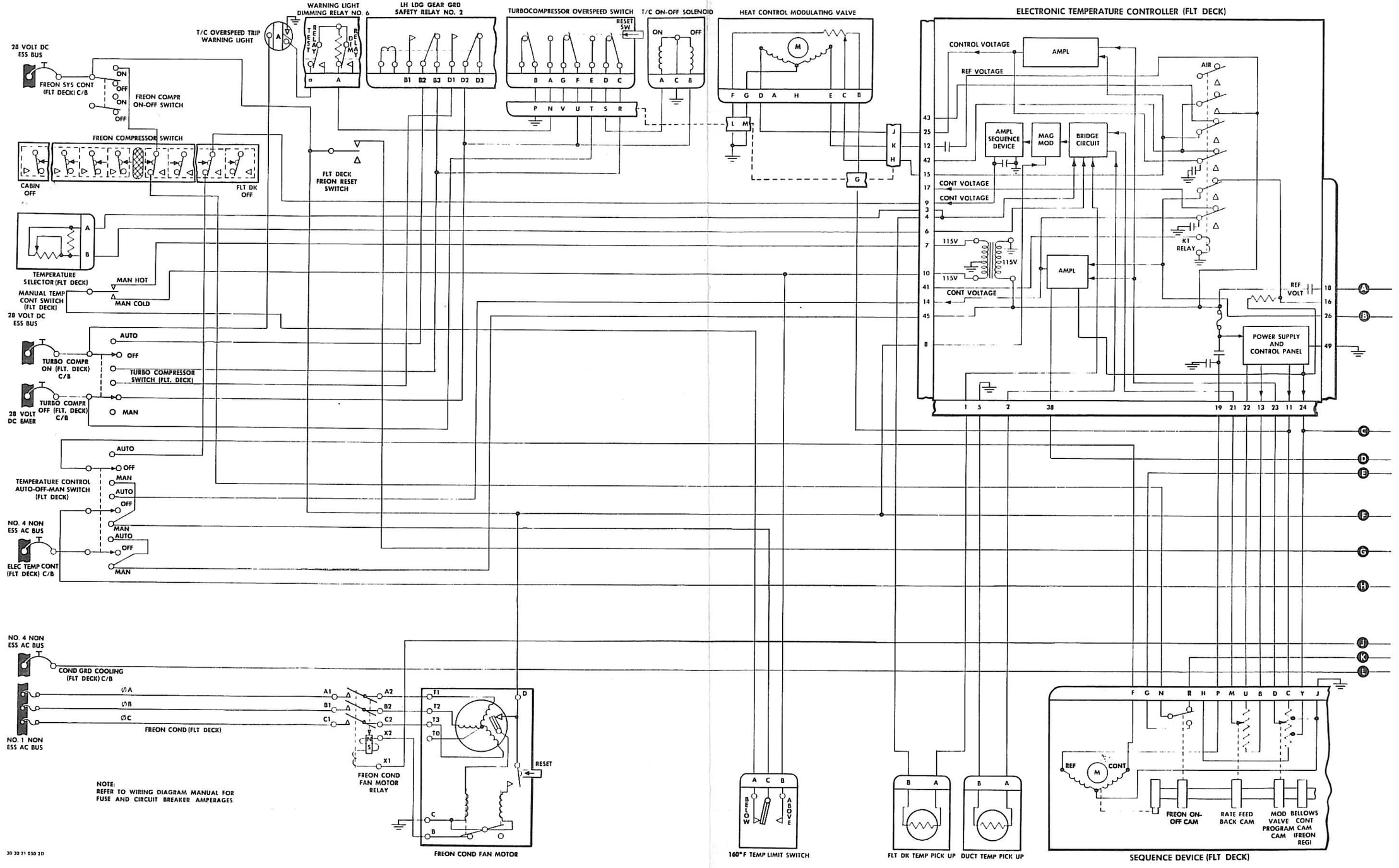
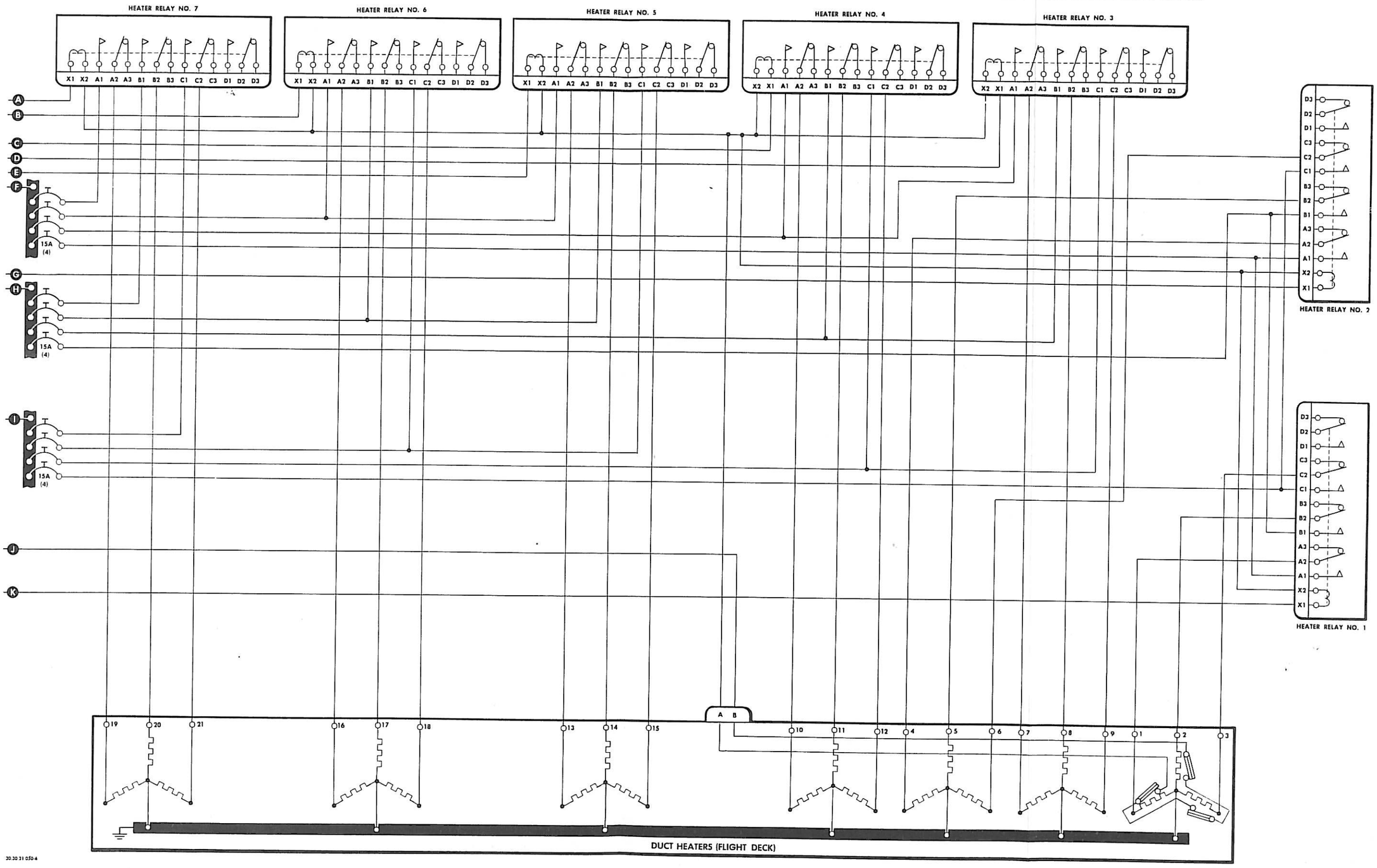



NOTE:
REFER TO WIRING DIAGRAM MANUAL FOR FUSE AND CIRCUIT BREAKER AMPERAGES.






Air Conditioning Control and Indication Schematic
Figure 1 (Sheet 3 of 8)


HEATER RELAY NO. 7
HEATER RELAY NO. 6
HEATER RELAY NO. 5
HEATER RELAY NO. 4
HEATER RELAY NO. 3
X1 X2 A1 A2 A3 B1 B2 B3 C1 C2 C3 D1 D2 D3
A
B
C
D
E
F
15A (4)
G
H
15A (4)
I
15A (4)
J
K
D3 D2 D1 C3 C2 C1 B3 B2 B1 A3 A2 A1 X2 X1
HEATER RELAY NO. 2
HEATER RELAY NO. 1
19 20 21 16 17 18 13 14 15 A B 10 11 12 4 5 6 7 8 9 1 2 3
DUCT HEATERS (FLIGHT DECK)

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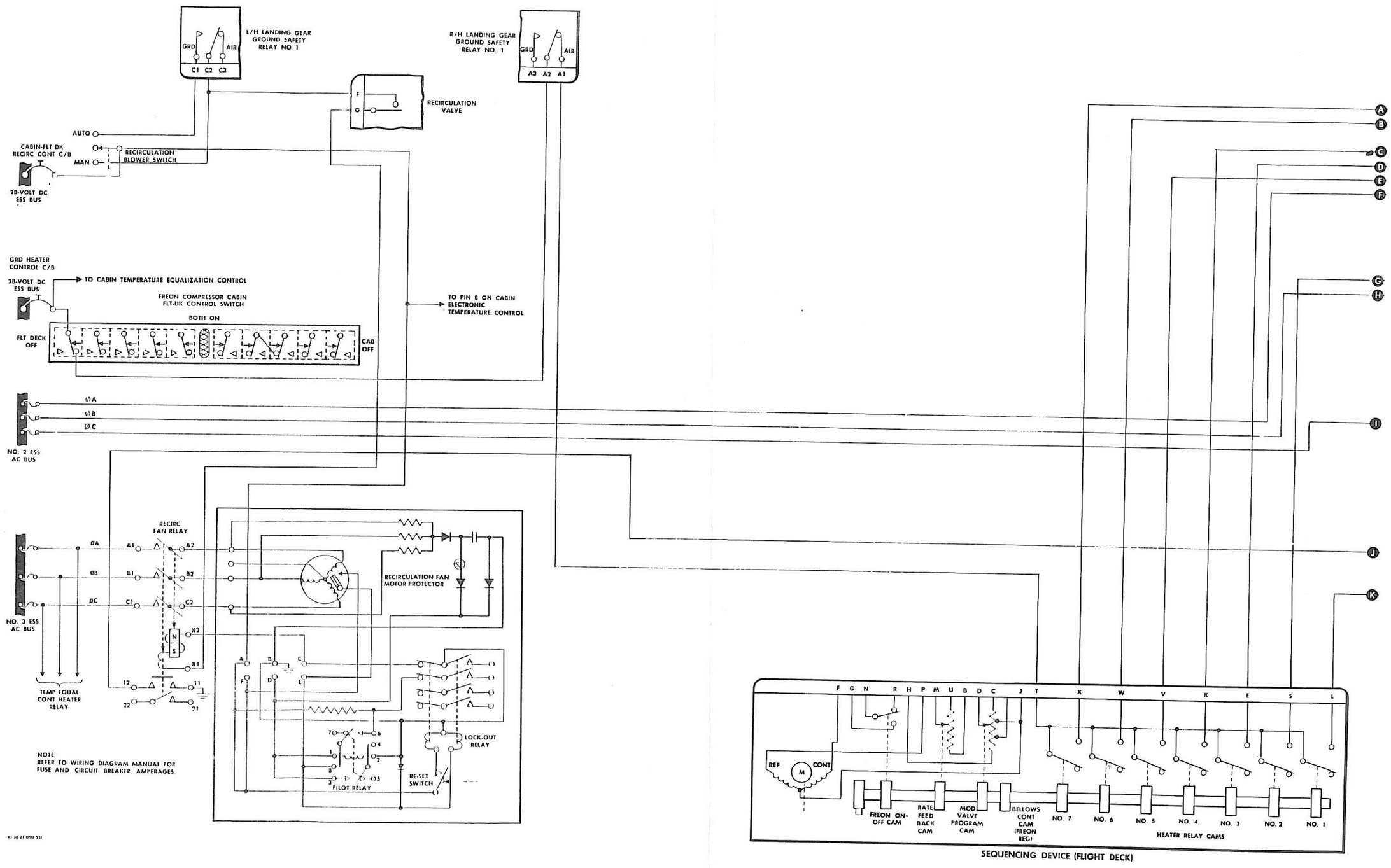
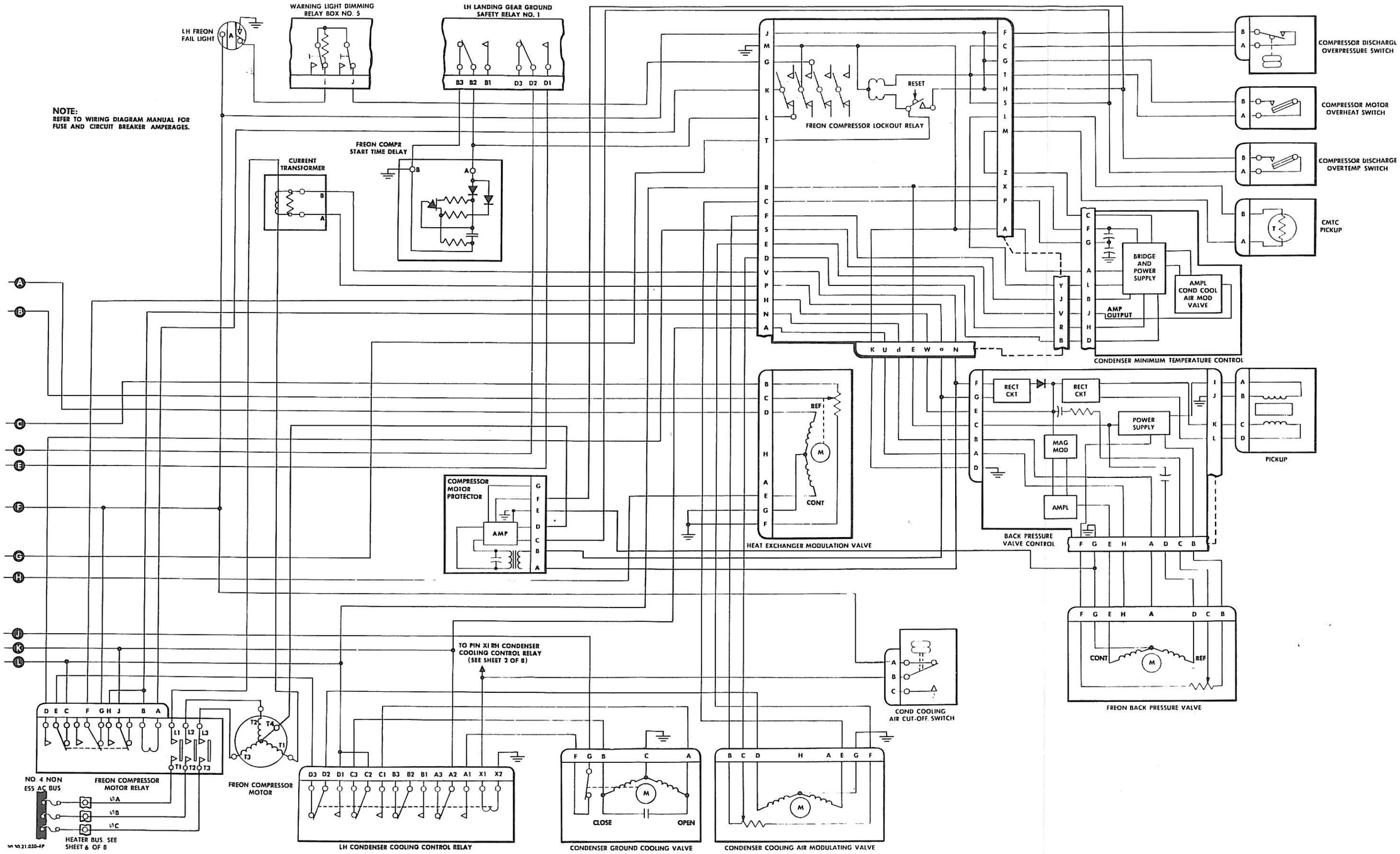
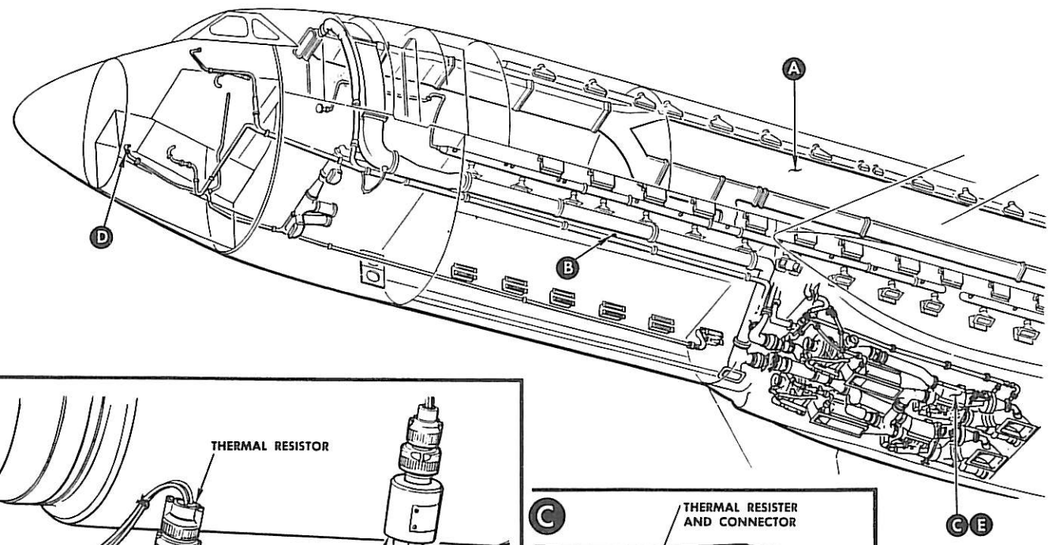
Air Conditioning Control and Indication Schematic
Figure 1 (Sheet 6 of 8)

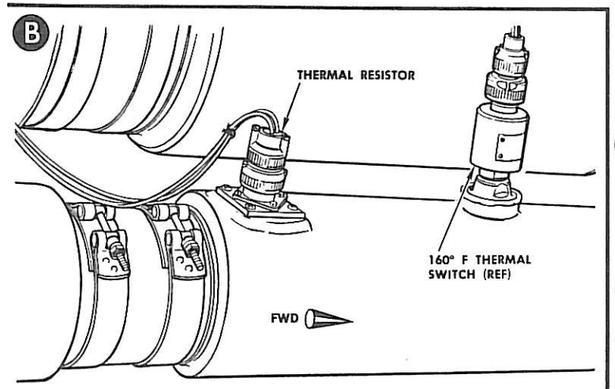




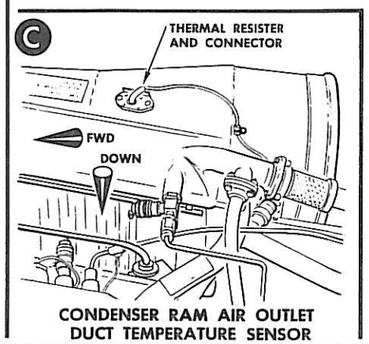

Air Conditioning Control and Indication Schematic
Figure 1 (Sheet 5 of 8)


NOTE:
REFER TO WIRING DIAGRAM MANUAL FOR FUSE AND CIRCUIT BREAKER AMPERAGES.
LH FREON FAIL LIGHT
WARNING LIGHT DIMMING RELAY BOX NO. 5
LH LANDING GEAR GROUND SAFETY RELAY NO. 1
B3 B2 B1 D3 D2 D1
CURRENT TRANSFORMER
FREON COMPR START TIME DELAY
FREON COMPRESSOR LOCKOUT RELAY
RESET
COMPRESSOR DISCHARGE OVERPRESSURE SWITCH
COMPRESSOR MOTOR OVERHEAT SWITCH
COMPRESSOR DISCHARGE OVERTEMP SWITCH
CMTC PICKUP
BRIDGE AND POWER SUPPLY
AMPL COND COOL AIR MOD VALVE
AMP OUTPUT
CONDENSER MINIMUM TEMPERATURE CONTROL
COMPRESSOR MOTOR PROTECTOR
AMP
HEAT EXCHANGER MODULATION VALVE
REF
CONT
RECT CKT
RECT CKT
POWER SUPPLY
MAG MOD
AMPL
PICKUP
BACK PRESSURE VALVE CONTROL
FREON BACK PRESSURE VALVE
TO PIN X1 RH CONDENSER COOLING CONTROL RELAY (SEE SHEET 2 OF 8)
COND COOLING AIR CUT-OFF SWITCH
NO. 4 NON ESS AC BUS
FREON COMPRESSOR MOTOR RELAY
ØA
ØB
ØC
HEATER BUS, SEE SHEET 6 OF 8
FREON COMPRESSOR MOTOR
LH CONDENSER COOLING CONTROL RELAY
CLOSE
OPEN
CONDENSER GROUND COOLING VALVE
CONDENSER COOLING AIR MODULATING VALVE

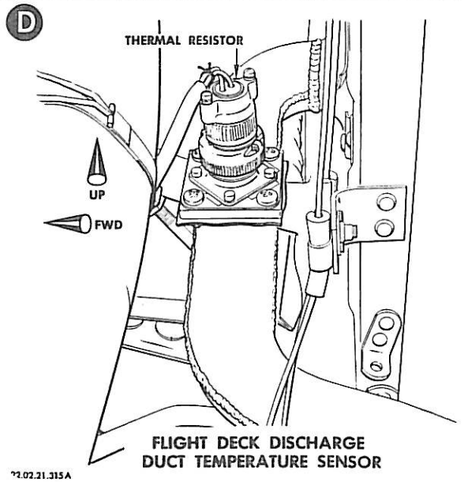



FLIGHT DECK SUPPLY DUCT TEMPERATURE SENSOR (FORWARD CARGO COMPARTMENT)

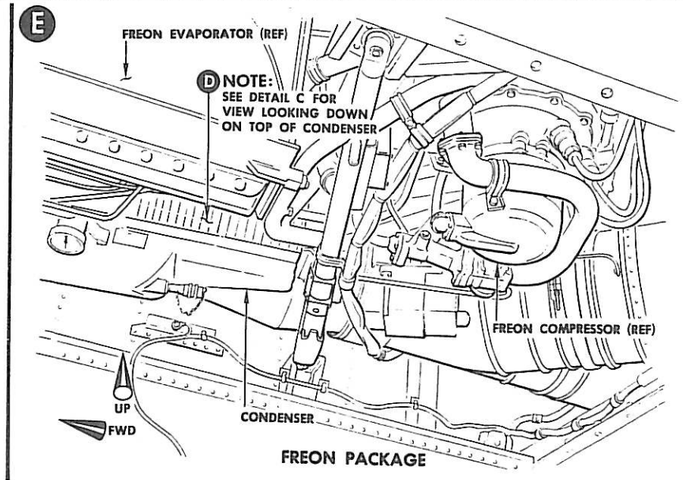



CONDENSER RAM AIR OUTLET DUCT TEMPERATURE SENSOR

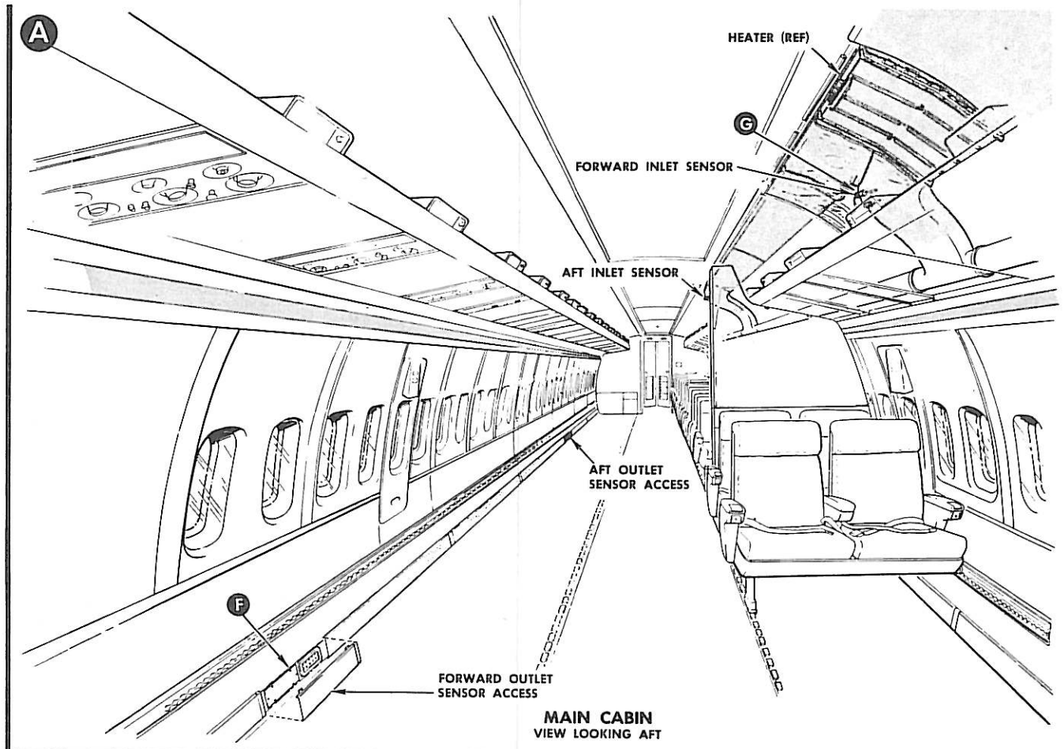



FLIGHT DECK DISCHARGE DUCT TEMPERATURE SENSOR

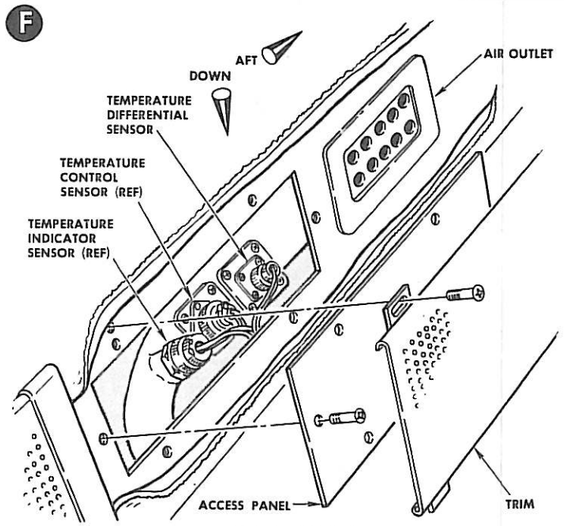
*2.02.21.315A



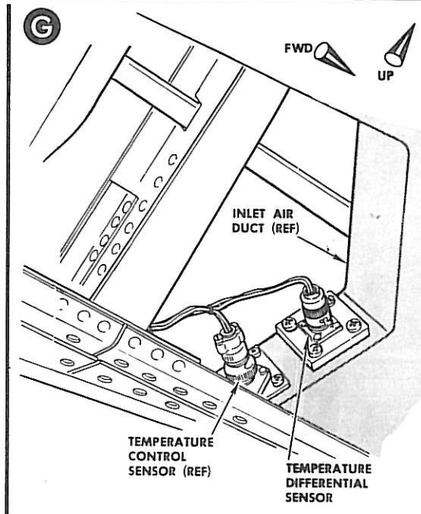

FREON PACKAGE



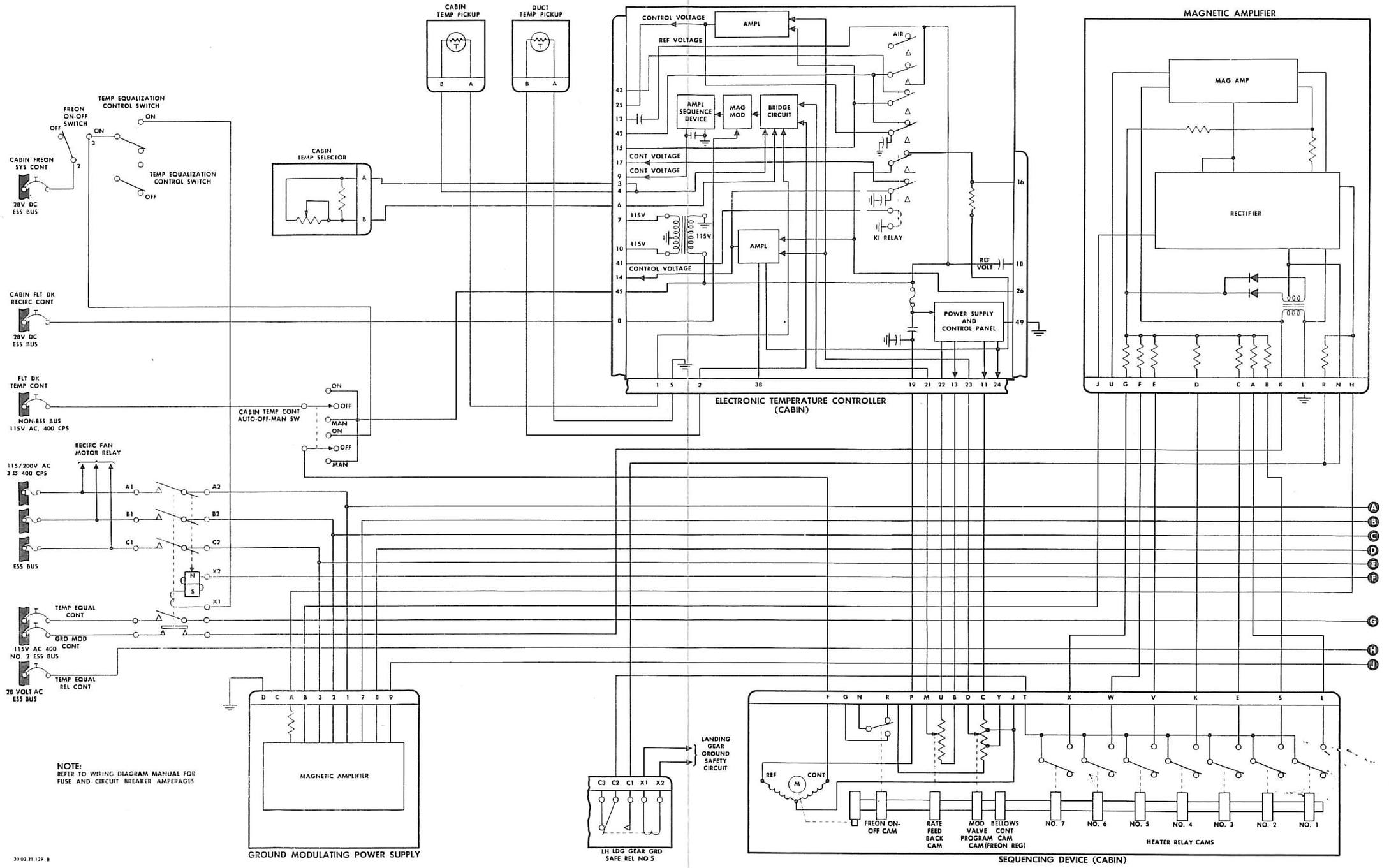

MAIN CABIN
VIEW LOOKING AFT




OUTLET SENSOR
FORWARD SHOWN-AFT SIMILAR

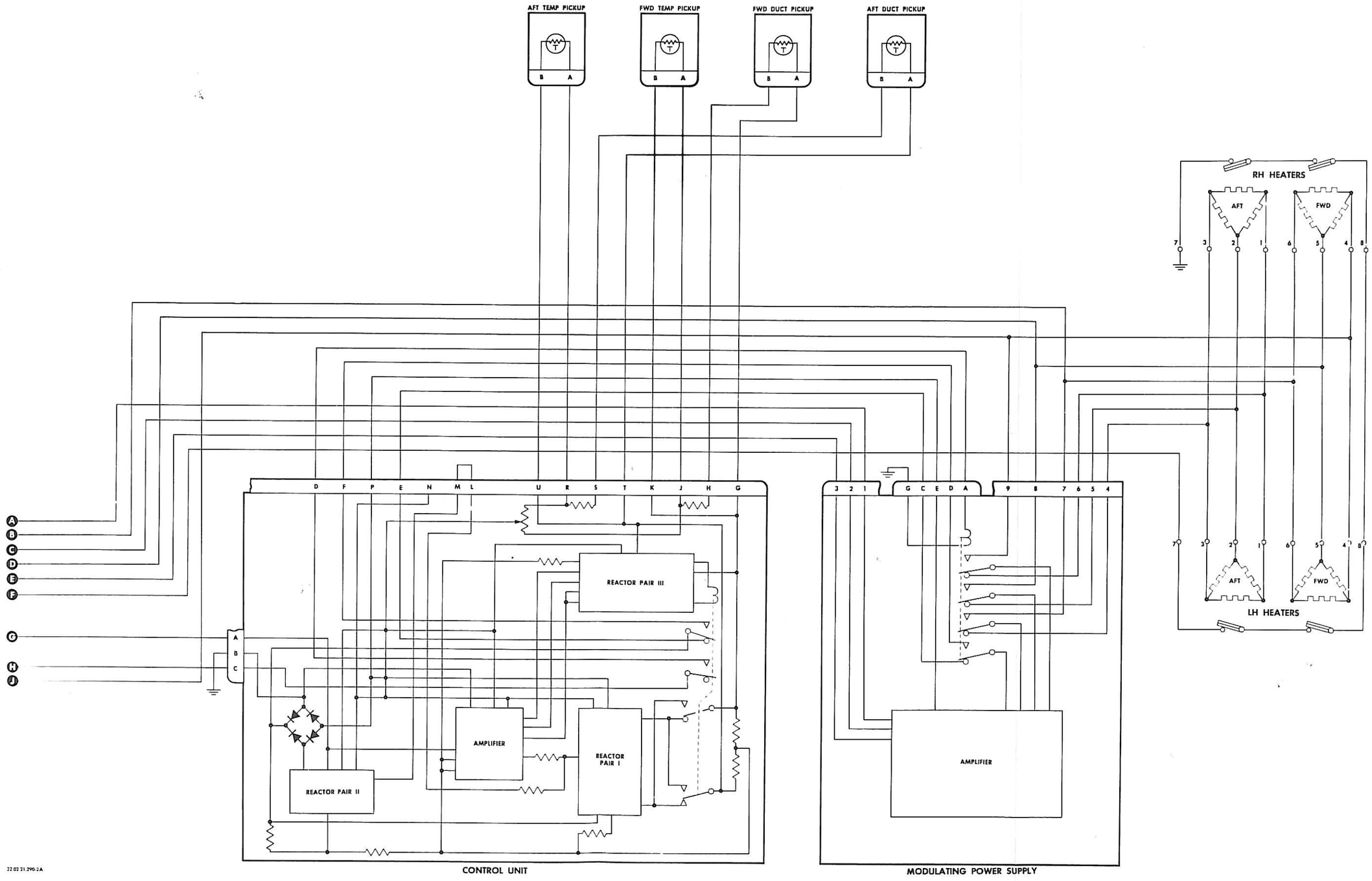


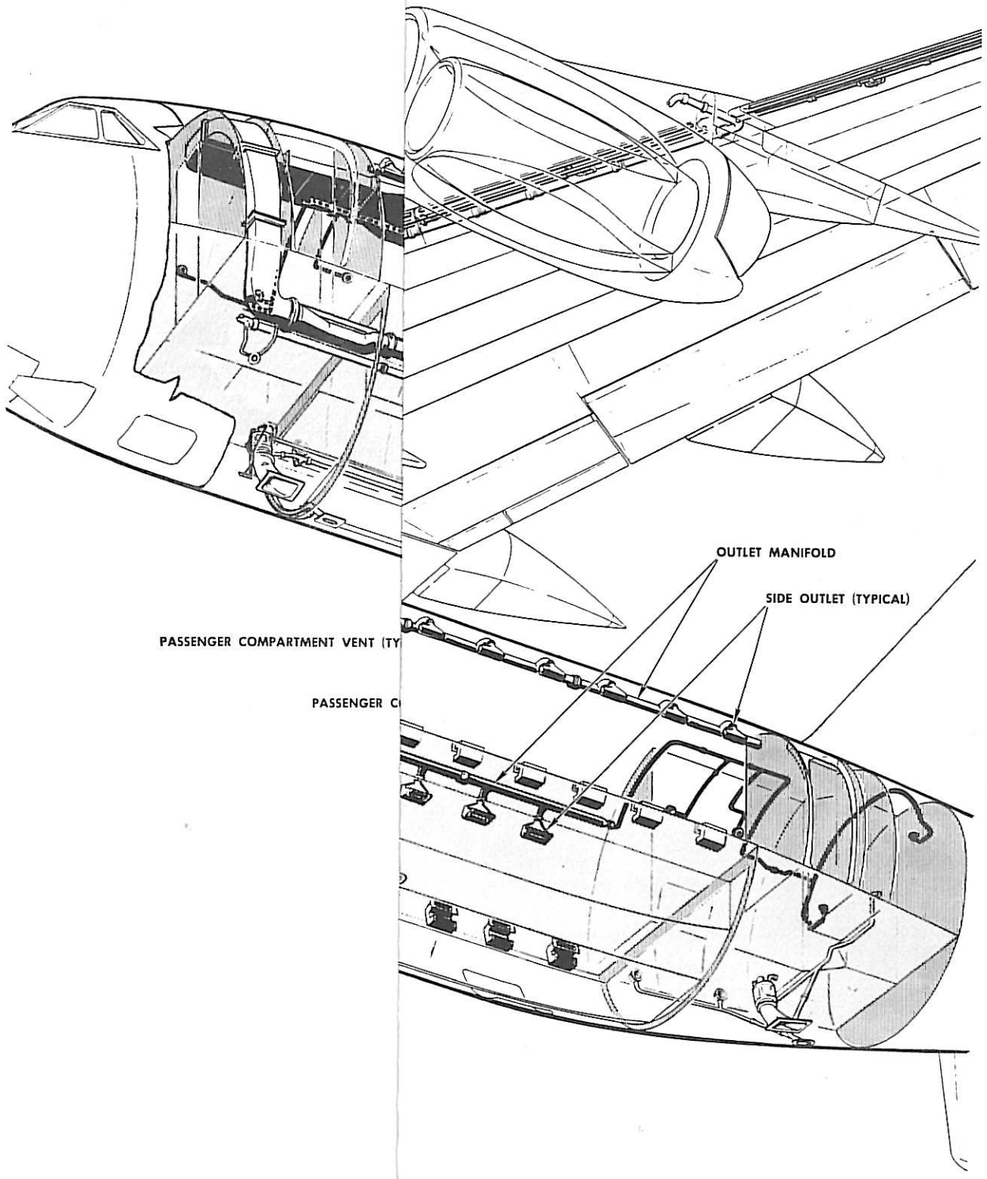

INLET SENSOR
FORWARD SHOWN-AFT SIMILAR






Temperature Equalization Control System Schematic
Figure 3 (Sheet 1 of 2)


AFT TEMP PICKUP
FWD TEMP PICKUP
FWD DUCT PICKUP
AFT DUCT PICKUP
B A
RH HEATERS
AFT
FWD
7 3 2 1 6 5 4 8
LH HEATERS
A
B
C
D
E
F
G
H
J
D F P E N M L U R S T K J H G
REACTOR PAIR III
REACTOR PAIR II
REACTOR PAIR I
AMPLIFIER
CONTROL UNIT
J 2 1 G C E D A 9 8 7 6 5 4
AMPLIFIER
MODULATING POWER SUPPLY
22 02 21 290-2A

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tment Air Distribution Ducts
Figure 1